



# Product Change Notification

## TE Connectivity

Product Change Notification: PCN-22-159225

PCN Date: 24-NOV-22

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

**General Product Description:**  
050 110 HYB 48P CONNECTOR

**Description of Changes**  
Change raw material of component (same grade)  
**Other attachments:**  
[The raw material : PBT-GF15\(same grade\)](#), [The raw material company : samyang](#)  
[The raw material : PBT-GF15\(same grade\)](#), [The raw material company : Kolon](#)

**Reason for Changes:**  
To change raw material of component (same grade)

<b>PCN Attributes:</b>	
<b>Product Category:</b> Connector Housings	<b>Kind of Change:</b> Material
<b>Change Feature:</b> Material Change	<b>Potential Customer Impact:</b>
<b>Remarks:</b>	

<b>Estimated Dates:</b>	
<b>Last Order Date</b> (Obsolete Parts Only):	<b>First Ship Date of Changed Items</b> (Changed Parts Only): 28-AUG-2023
<b>Last Ship Date of Changed Items</b> (Obsolete Parts Only):	<b>Last Date for Mixed Shipments:</b> (Changed Parts Only): No Mixed Shipments
<b>Effectivity Date:</b>	<b>Date of First Samples:</b>

**Part Number(s) being Modified:**

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
<a href="#">5-2109455-2</a>	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

**Customer Drawing(s) Being Modified:**

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
<a href="#">2109455</a>	5-2109455-2		A1	

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# Property comparison

SAMYANG Vs. BASF&KOLON

EVERY CONNECTION COUNTS





## PBT-GF15HI(S)\_SAMYANG Vs. KOLON

[ISO]

Content	Method	Unit	SAMYANG	KOLON [NAT]	KOLON [BK]
			TRIBIT 1500G15K ([Actual] Nat/BK)	KP213G15HI (S)	KP213G15HIBL(S)
Density/Specific gravity	ISO 1183	g/cm <sup>3</sup>	1.41(1.39/1.37)	1.38	1.37
Tensile strength	ISO 527	MPa	93(87/86)	97	92
Tensile strain at break	ISO 527	%	4.0(3.2/3.7)	3.2	3.3
Flexural strength	ISO 178	MPa	138(135/130)	145	140
Flexural modulus	ISO 178	MPa	4,350(4,960/4,630)	5,300	4,930
IZOD impact strength(23°C)	ISO 180	kJ/m <sup>2</sup>	6.0(5.0/4.5)	7.0	5.5
IZOD impact strength (-30°C)	ISO 180/1A	kJ/m <sup>2</sup>	-(4.8/4.0)	5.5	4.0
HDT(0.45MPa)	ISO 75-2	°C	208	-	-
HDT(1.82MPa)	ISO 75-2	°C	175(158/163)	178	172

※ "TRIBIT 1500G15K" is semi-impact modified: required to modified based on standard PBT-GF15 [KOLON]

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EVERY CONNECTION COUNTS





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